

*C2
Amended*

activity as an insulin secretory signal having the amino acid sequence shown as SEQ ID NO: 1.

C3

6. (Amended) An expression cassette according to claim 1 wherein the heterologous

sequence encodes porcine somatotropin.

Subj D2

13. (Amended) A method of producing somatotropin which includes culturing a

~~C~~ recombinant cell of any one of claims 9 to 12 under conditions enabling the expression and
secretion of the somatotropin and optionally isolating the somatotropin.

Subj 3

16. (Amended) A method of administering somatotropin to a host, wherein said method

includes administering to the host an expression cassette according to any one of claims 1 to 7.

~~C~~

17. (Amended) A method of administering somatotropin to a host, wherein the method

includes implanting in the host a capsule according to claim 14 or 15.

C4

23. (Amended) A method according to claim 21, wherein the insulin secretory signal is a

modified insulin secretory signal which has one or more amino acid modifications of the amino
acid sequence shown as SEQ ID NO:1 and has substantially the same overall biological activity

as an insulin secretory signal having the amino acid sequence shown as SEQ ID NO: 1.